

Overview climate sensors

Analog climate sensors

KS-210/220



Design	Rod sensor with plastic, PTFE or aluminium cap
Dimensions	Length: 135mm / Ø19.2 mm
Measuring ranges	-40...+80 °C 0...100 % relative humidity
Accuracy	± 0,2 K ± 2 %
Signal output	4...20 mA or 0...10 V
Operating voltage	KS-210: 12...30V DC KS-220: 24V DC
Operating temperature	-40...+80 °C

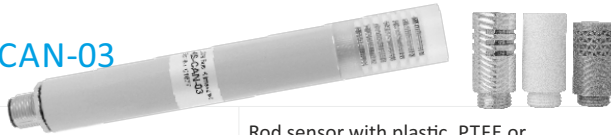
KS-410/420



Design	aluminium / stainless steel rod
Dimensions	LxWxH: 30 x 45.4 x 97.3 mm
Measuring ranges	-40...+80 °C 0...100 % relative humidity
Accuracy	± 0,2 K ± 2 %
Signal output	0...10 V or 4... 20 mA
Operating voltage	KS-410: 12...30V DC KS-420: 24 VDC
Operating temperature	-40...+80 °C

Digital climate sensors

KS-CAN-03



Design	Rod sensor with plastic, PTFE or aluminium cap
Dimensions	Length: 135 mm / Ø19.2 mm
Measuring ranges	-40...+80 °C 0...100 % relative humidity
Accuracy	± 0.5 K ± 2 % (10...90 % rH)
Signal output	CANopen 2.0 A
Operating voltage	10...48 VDC
Settling time	≤ 4s (rH) and ≤ 20s (T)

KS-17



Design	Plastic with cable
Dimensions	LxWxH: 45 x 30 x 23 mm
Measuring ranges	-40...+120 °C 0...100 % relative humidity
Accuracy	± 0.3 K ± 2 % (10...90 % rH)
Signal output	I ² C Bus
Operating voltage	2.4...5.5 VDC
Options	Cable length up on request

Dewpoint sensors

TPS-210/220



Design	Rod sensor with plastic, PTFE or aluminium cap
Dimensions	Length: 135 mm / Ø19.2 mm
Measuring ranges	-40...+80 °C (ambient) 0...100 % rH -50...+80 °C (dewpoint)
Accuracy	± 0.2 K ± 2 %
Signal output	0...10 V or 4...20 mA
Operating voltage	TPS-210: 12...30V DC TPS-220: 24V DC

TPS-410/420



Design	aluminium / stainless steel rod
Dimensions	LxWxH: 30 x 45,4 x 97,3 mm
Measuring ranges	-40...+80 °C (ambient) 0...100 % rH -50...+80 °C (dewpoint)
Accuracy	± 0.2 K ± 2 %
Signal output	0...10 V or 4...20 mA
Operating voltage	TPS-410: 12...30V DC TPS-420: 24V DC

Technical modifications reserved

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